



Structure of Blood Vessels

Artery:

- Made up of 3 layers
- Thick muscular layer

Vein:

- Made up of 3 layers
- Thin muscular layer
- Has valves that prevent backward flow of blood

Capillary:

- One cell thick
- Smallest blood vessel

Functions of Blood Vessels

Artery:

- Transport blood from the heart to the body
- High blood pressure
- Usually contains oxygenated blood

Vein:

- Transport blood to the heart from the body
- Low blood pressure
- Usually contains deoxygenated blood

Capillary

- Site of gas exchange between red blood cells and tissue

Structure of Blood Vessels

Label the parts of the blood vessel below:

